

3d, Worcester, Mass.; Valley Junction, Wis. 4th, Addison, N. Y. 5th, Collegeville, Minn.; Hartlandt, Vt. 7th, Winthrop, Mass.; Saint Olaf, Minn.; Berlin Mills, N. H.; Trenton, N. J.; Big Prairie and Dupont, Ohio; Chelsea, Vt.; Raymond, Wis. 8th, Gold Hill, Colo.; Dupont, Ohio; Pepin, Wis. 9th, Falls Village, Conn.; Clear Lake, Minn.; Lancaster, N. H.; Turin, N. Y.; Larimore and Wild Rice, N. Dak.; Dupont, Ohio; Chelsea, Hartlandt, and Woodstock, Vt.; Pepin and Shawano, Wis. 10th, Berlin Mills, N. H.; Turin, N. Y.; Fort Buford, N. Dak.; Shawano, Wis. 11th, Wild Rice, N. Dak. 12th, Big Prairie, Ohio. 14th, Berlin Mills and Bethlehem, N. H.; Turin and Waverly, N. Y.; Big Prairie, Ohio; Chelsea, Vt. 15th, Mayville, N. Dak. 16th, Berlin Mills, N. H. 17th, Clinton, Iowa; Wild Rice,

N. Dak. 18th, Vevay, Ind.; Blue Hill Observatory, Concord, Winthrop, and Worcester, Mass.; Albion, Manistee, and Marquette, Mich.; Fergus Falls, Granite Falls, Saint Cloud, and Saint Olaf, Minn.; Grafton, N. H.; Gloversville, Oswego, Perry City, Turin, and Waverly, N. Y.; Forman, Larimore, Mayville, and Wild Rice, N. Dak.; Kimball and Webster, S. Dak.; Hartlandt, Strafford, and Vernon, Vt.; Ashland, Medford, Raymond, Shawano, Stevens Point, and Westfield, Wis. 19th, Vevay, Ind.; Fergus Falls, Minn.; Turin, N. Y.; Ashland, Medford, Oconomowoc, and Shawano, Wis. 21st, Beloit, Kans. 23d, Degonia Springs, Ind.; Clinton, Iowa; Waverly, N. Y. 26th, Fall River, Mass.; Big Prairie, Ohio. 27th, Big Prairie, Ohio. 29th, Cumberland (a), Md.; Chelsea, Vt.; Berlin Mills, N. H.

## STATE WEATHER SERVICES.

[*Temperature in degrees Fahrenheit; precipitation, including melted snow, in inches and hundredths.*]

The following extracts and summaries are republished from reports for June, 1893, of the directors of the various state weather services:

### ALABAMA.

**Temperature.**—The mean was 1.0 below the normal; maximum, 101, at Brewton, 26th and 27th; minimum, 50, at Healing Springs, 1st and 2d; greatest monthly range, 46, at Healing Springs; least monthly range, 25, at Citronelle and Newbern.

**Precipitation.**—The average was 0.04 below the normal; greatest monthly, 9.06, at Newburg; least monthly, 2.69, at Thomasville.

**Wind.**—Prevailing directions, south and southwest.—*P. H. Mell, Observer, Weather Bureau, Auburn, director.*

### ARIZONA.

**Temperature.**—Maximum, 116, at Fort Mohave, 7th; minimum, 39, at Whipple Barracks, 5th and 14th; greatest monthly range, 60, at Buckeye and San Carlos; least monthly range, 80, at Saint Helena Ranch.

**Precipitation.**—Greatest monthly, 0.29, at Chiricahua Mountains; least monthly, 0.00, at 27 stations.

**Wind.**—Prevailing direction, southwest.—*W. Burrows, Observer, Weather Bureau, Tucson, director.*

### ARKANSAS.

**Temperature.**—The mean was 0.6 below the normal; maximum, 99, at Hot Springs, 13th and 26th; minimum, 49, at Keesees Ferry, 8th, at Gainesville, Mo., 17th, and at Melbourne, 18th; greatest monthly range, 49, at Hot Springs; least monthly range, 32, at Mount Nebo, Osceola, Prescott, and Greenville, Miss.

**Precipitation.**—The average was 0.94 above the normal; greatest monthly, 10.24, at Camden; least monthly, 1.14, at Rogers.

**Wind.**—Prevailing direction, south.—*F. H. Clarke, Local Forecast Official, Weather Bureau, Little Rock, director.*

### CALIFORNIA.

**Temperature.**—The mean was 3.8 below the normal; maximum, 110, at Needles, 6th and 7th; minimum, 25, at Fort Bidwell, 17th; greatest monthly range, 70, at San Ardo.

**Precipitation.**—The average was 0.28 below the normal; greatest monthly, 0.91, at Crescent City; least monthly, 0.00, over the greater portion of the state.—*J. A. Barwick, Observer, Weather Bureau, Sacramento, director.*

### COLORADO.

**Temperature.**—The mean was 2.0 above the normal; maximum, 106, at Lamar, 23d; minimum, 9, at Pikes Peak, 4th.

**Precipitation.**—The average was about 0.75 below the normal; greatest monthly, 4.66, at Amherst; least monthly, 0.00, at a number of stations.

**Wind.**—Prevailing directions, south and west.—*J. J. Gilligan, Observer, Weather Bureau, Denver, director.*

### FLORIDA.

**Temperature.**—Maximum, 104, at Micco, 23d; minimum, 60, at Orlando, 9th, 10th, and 11th; greatest monthly range, 34, at Micco and Orlando; least monthly range, 18, at Key West.

**Precipitation.**—Greatest monthly, 14.18, at Brooksville; least monthly, 2.32, at Saint Augustine.

**Wind.**—Prevailing direction, southeast.—*E. R. Demain, Observer, Weather Bureau, Jacksonville, director.*

### GEORGIA.

**Temperature.**—Maximum, 100, at Americus, 12th and 17th, and at Cordele, 8th, 20th, 23d, and 25th; minimum, 52, at Diamond, 11th and 14th; greatest monthly range, 42, at Cordele, Lincolnton, and Thomasville; least monthly range, 22, at West Point.

**Precipitation.**—Greatest monthly, 13.25, at Darien; least monthly, 2.10, at Morgan.

**Wind.**—Prevailing direction, south.—*Park Morrill, Local Forecast Official, Weather Bureau, Atlanta, director.*

### IDAHO.

**Temperature.**—Maximum, 97, at Payette, 30th; minimum, 20, at Lake, 5th, 6th, and 7th; greatest monthly range, 70, at Lake; least monthly range, 42, at Moscow.

**Precipitation.**—Greatest monthly, 0.86, at Delta; least monthly, 0.00, at Martin and American Falls.

**Wind.**—Prevailing direction, southwest.—*J. H. Smith, Observer, Weather Bureau, Idaho Falls, director.*

### ILLINOIS.

**Temperature.**—The mean was 1.5 above the normal; maximum, 98, at Walnut, 18th; minimum, 42, at Fort Sheridan, 11th.

**Precipitation.**—The average was 1.38 below the normal; greatest monthly, 7.59, at Cairo; least monthly, 0.80, at Bloomington.

**Wind.**—Prevailing direction, southwest.—*John Craig, Observer, Weather Bureau, Springfield, director.*

### INDIANA.

**Temperature.**—The mean was normal; maximum, 101, at Ashboro, 19th; minimum, 40, at Valparaiso, 1st and 2d; greatest monthly range, 54, at Union City; least monthly range, 28, at Huntingburg and New Albany.

**Precipitation.**—The average was 0.80 below the normal; greatest monthly, 7.15, at Huntingburg; least monthly, 0.20, at Valparaiso.

**Wind.**—Prevailing direction, southwest.—*Prof. H. A. Huston, Lafayette, director; C. F. R. Wappenhans, Local Forecast Official, Weather Bureau, assistant.*

### IOWA WEATHER AND CROP SERVICE.

**Temperature.**—The mean was about 2.0 above the normal; maximum, 100, at Richland, 12th, and at Washington, 19th; minimum, 40, at Atlantic, 5th, and at Sibley, 6th; greatest monthly range, 55, at Atlantic; least monthly range, 31, at Fort Madison.

**Precipitation.**—The average was 1.00 below the normal; greatest monthly, 7.56, at Atlantic; least monthly, 1.36, at Rock Rapids.

**Wind.**—Prevailing direction, southeast.—*J. R. Sage, Des Moines, director; G. M. Chappel, Local Forecast Official, Weather Bureau, assistant.*

### KANSAS.

**Temperature.**—The mean was 0.5 above the normal; maximum, 114, at Lakin, 20th; minimum, 31, at Manhattan, 5th; greatest monthly range, 79, at Lakin; least monthly range, 36, at Lawrence.

**Precipitation.**—The average was 0.38 above the normal; greatest monthly, 13.10, at Lebo; least monthly, 0.51, at Syracuse.

**Wind.**—Prevailing direction, south.—*T. B. Jennings, Observer, Weather Bureau, Topeka, director.*

### KENTUCKY.

**Temperature.**—Maximum, 97, at Shelbyville, 19th; minimum, 48, at Harrodsburg, 8th, and at Paducah, 1st; greatest monthly range, 48, at Harrodsburg; least monthly range, 20, at South Fork.

**Precipitation.**—Greatest monthly, 9.30, at Munfordville; least monthly, 1.08, at Caddo.

**Wind.**—Prevailing direction, southwest.—*Frank Burke, Local Forecast Official, Weather Bureau, Louisville, director.*

### LOUISIANA.

**Temperature.**—The mean was 1.2 below the normal; maximum, 100, at

Clinton and Liberty Hill, 26th; at Lafayette, 27th, and at Schriever, 30th; minimum, 55, at Oxford, 7th; greatest monthly range, 41, at Cameron; least monthly range, 22, at Donaldsonville.

**Precipitation.**—The average was 1.09 above the normal; greatest monthly, 11.89 at Paincourtville; least monthly, 1.79, at Girard.

**Wind.**—Prevailing direction, southeast.—*R. E. Kerkam, Local Forecast Official, Weather Bureau, New Orleans, director.*

#### MARYLAND.

**Temperature.**—The mean was 0.3 below the normal; maximum, 104, at Kirkwood, Del., 20th; minimum, 40, at Sunnyside, 8th; greatest monthly range, 51, at Sunnyside; least monthly range, 21, at Jewell.

**Precipitation.**—The average was 1.44 below the normal; greatest monthly, 5.00, at Fenby; least monthly, 0.72, at Barren Creek Springs.

**Wind.**—Prevailing direction, northeast.—*Dr. William B. Clark, Johns Hopkins University, Baltimore, director; Prof. Milton Whitney, Maryland Agricultural College, secretary and treasurer; C. P. Cronk, Observer, Weather Bureau, in charge.*

#### MICHIGAN.

**Temperature.**—The mean was 1.7 above the normal; maximum, 100, at Mio, 20th; minimum, 31, at Crystal Falls, 28th; greatest monthly range, 66, at Crystal Falls; least monthly range, 25, at Arbelia.

**Precipitation.**—The average was 0.65 below the normal; greatest monthly, 7.19, at Lansing; least monthly, 0.28, at Montague.

**Wind.**—Prevailing direction, southwest.—*E. A. Evans, Local Forecast Official, Weather Bureau, Detroit, director.*

#### MINNESOTA.

**Temperature.**—Maximum, 102, at Crookston, 12th; minimum, 31, at Pokegama Falls, 9th; greatest monthly range, 65, at Pokegama Falls; least monthly range, 37, at Rolling Green.

**Precipitation.**—Greatest monthly, 5.20, at Saint Vincent; least monthly, 0.83, at Sandy Lake Dam.

**Wind.**—Prevailing direction, south.—*E. A. Beals, Observer, Weather Bureau, Minneapolis, director.*

#### MISSISSIPPI.

**Temperature.**—The mean was 0.9 below the normal; maximum, 101, at Crystal Springs, 26th; minimum, 48, at Corinth, 10th; greatest monthly range, 50, at Corinth; least monthly range, 25, at Hattiesburg.

**Precipitation.**—The average was 0.85 above the normal; greatest monthly, 9.18, at Biloxi; least monthly, 1.25, at Agricultural College.

**Wind.**—Prevailing direction, southeast.—*R. J. Hyatt, Local Forecast Official, Weather Bureau, Vicksburg, director.*

#### MISSOURI.

**Temperature.**—Maximum, 98, at Jefferson City, 18th, and at New Boston and Fayette, 21st; minimum, 42, at Unionville, 1st.

**Precipitation.**—Greatest monthly, 8.30, at Malden; least monthly, 1.29, at Canton.

**Wind.**—Prevailing direction, southeast.—*Miss Ida L. Crume, Secretary, State Board of Agriculture, Columbia, director; H. A. McNally, Observer, Weather Bureau, assistant.*

#### NEBRASKA.

**Temperature.**—Maximum, 105, at York, 20th; minimum, 33, at Fort Sidney, 3d; greatest monthly range, 68, at Forts Sidney and Robinson; least monthly range, 81, at Syracuse.

**Precipitation.**—Greatest monthly, 7.27, at Ashland; least monthly, 0.35, at Wayne.

**Wind.**—Prevailing direction, south.—*George E. Hunt, Local Forecast Official, Weather Bureau, Omaha, director.*

#### NEVADA.

**Temperature.**—The mean was 0.1 below the normal; maximum, 100, at Downeyville, 16th, and at Belleville, 1st; minimum, 21, at Stofiel, 14th; greatest monthly range, 68, at Monitor Ranch; least monthly range, 27, at Battle Mountain.

**Precipitation.**—Greatest monthly, 0.40, at Tuscarora; least monthly, 0.00, at a number of stations.

**Wind.**—Prevailing direction, south.—*Prof. Charles W. Friend, Carson City, director; F. A. Carpenter, Observer, Weather Bureau, assistant.*

#### NEW ENGLAND.

**Temperature.**—The mean was 0.3 below the normal; maximum, 99, at Woodstock, 15th; minimum, 34, at Fort Kent, 28th; greatest monthly range, 64, at Fort Kent; least monthly range, 32, at Woods Holl.

**Precipitation.**—The average was 0.60 below the normal; greatest monthly, 6.56, at South Dennis; least monthly, 0.99, at Fairfield.

**Wind.**—Prevailing directions, east and southwest.—*J. Warren Smith, Observer, Weather Bureau, Boston, director.*

#### NEW JERSEY.

**Temperature.**—The mean was 0.3 above the normal; maximum, 103, at Millville, Beverly, Imlaystown, and Elizabeth, 20th; minimum, 40, at Gillette, 29th; greatest monthly range, 58, at Gillette and Franklinville; least monthly range, 39, at Atlantic City.

**Precipitation.**—The average was 1.03 below the normal; greatest monthly, 7.02, at Dover; least monthly, 0.46, at Bridgetown.

**Wind.**—Prevailing direction, northeast.—*E. W. McGann, Observer, Weather Bureau, New Brunswick, director.*

#### NEW YORK.

**Temperature.**—The mean was 2.4 above the normal; maximum, 99, at West Point, 20th; minimum, 37, at South Kortright, 8th, and at Brookfield, 1st; greatest monthly range, 58, at Eden Center; least monthly range, 80, at Dunkirk.

**Precipitation.**—The average was 1.13 below the normal; greatest monthly, 5.76, at South Kortright; least monthly, 0.50, at Leroy.

**Wind.**—Prevailing directions, south and southwest.—*Prof. E. A. Fuytes, Dean of the College of Civil Engineering, Cornell University, Ithaca, director; R. M. Hardinge, Observer, Weather Bureau, assistant.*

#### NORTH CAROLINA.

**Temperature.**—The mean was 1.2 below the normal; maximum, 102, at Rockingham, 11th; minimum, 43, at Blowing Rock, 29th; greatest monthly range, 46, at Rockingham; least monthly range, 21, at Hatteras.

**Precipitation.**—The average was 1.46 above the normal; greatest monthly, 11.37, at Columbus; least monthly, 2.16, at Warrenton.

**Wind.**—Prevailing direction, southwest.—*Dr. Herbert B. Battle, Raleigh, director; C. F. von Herrmann, Observer, Weather Bureau, assistant.*

#### NORTH DAKOTA.

**Temperature.**—The mean was 3.8 above the normal; maximum, 103, at Kelso, 12th; minimum, 33, at Valley City, 5th; greatest monthly range, 69, at Valley City; least monthly range, 49, at Dunseith.

**Precipitation.**—The average was 0.15 below the normal; greatest monthly, 5.54, at Sykeston; least monthly, 0.86, at Medora.

**Wind.**—Prevailing direction, south.—*W. H. Fallon, Observer, Weather Bureau, Bismarck, director.*

#### OHIO WEATHER AND CROP SERVICE.

**Temperature.**—The mean was 0.7 above the normal; maximum, 102, at Greenfield, 19th; minimum, 40, at Green Hill, 7th, and at Logan, 8th; greatest monthly range, 56, at McLuney; least monthly range, 38, at Hiram.

**Precipitation.**—The average was 0.74 below the normal; greatest monthly, 7.45, at Logan; least monthly, 0.68, at Wellington.

**Wind.**—Prevailing direction, southwest.—*L. N. Bonham, Columbus, director; C. M. Strong, Observer, Weather Bureau, assistant.*

#### OKLAHOMA.

**Temperature.**—Maximum, 112, at Gate City, 23d; minimum, 45, at Purcell, 1st, at Buffalo, 10th, and at Cloud Chief, 16th.

**Precipitation.**—Greatest monthly, 3.84, at Lehigh; least monthly, 0.51, at Fort Sill.

**Wind.**—Prevailing direction, south.—*J. I. Widmeyer, Observer, Weather Bureau, Oklahoma City, director.*

#### OREGON.

The month was the coldest on record.

**Temperature.**—The mean was 3.2 below the normal; maximum, 95, at Grants Pass, 4th; minimum, 25, at Crook, 19th, and at Lakeview, 22d; greatest monthly range, 62, at Lakeview; least monthly range, 82, at Newport.

**Precipitation.**—The average was 0.77 below the normal; greatest monthly, 5.64, at Glenora; least monthly, trace, at Sparta, La Grande, and Burns.

**Wind.**—Prevailing direction, southwest.—*Hon. H. E. Hayes, Master State Grange, Portland, director; B. S. Pague, Local Forecast Official, Weather Bureau, assistant.*

#### PENNSYLVANIA.

**Temperature.**—The mean was 0.7 above the normal; maximum, 100, at Hamburg, Lock Haven, Carlisle, Aqueduct, and Blooming Grove, 20th; minimum, 38, at Drifton, 20th and 21st, and at Smethport, 20th; greatest monthly range, 56, at Drifton and Quakertown; least monthly range, 28, at Erie.

**Precipitation.**—The average was 1.14 below the normal; greatest monthly, 6.50, at Clarion; least monthly, 1.20, at Blooming Grove.

**Wind.**—Prevailing direction, west.—*Under direction of the Franklin Institute, Philadelphia; W. P. Tatham, director; H. L. Ball, Observer, Weather Bureau, assistant.*

#### SOUTH CAROLINA.

**Temperature.**—The mean was slightly above the normal; maximum, 96, at Youngs Island, 18th; minimum, 58, at Kitchens Mills, 10th.

**Precipitation.**—Greatest monthly, 16.30, at Charleston; least monthly, 2.82, at McCormick.

**Wind.**—Prevailing direction, southeast.—*J. H. Harmon, Observer, Weather Bureau, Columbia, director.*

#### SOUTH DAKOTA.

**Temperature.**—The mean was 4.3 above the normal; maximum, 110, at Oelrichs, 11th; minimum, 31, at Castlewood and Cross, 6th; greatest monthly range, 75, at Oelrichs; least monthly range, 44, at Wolsey.

**Precipitation.**—The average was 1.82 below the normal; greatest monthly, 3.15, at Cross; least monthly, 0.86, at Sioux Falls.

**Wind.**—Prevailing direction, south.—*S. W. Glenn, Local Forecast Official, Weather Bureau, Huron, director.*

#### TENNESSEE WEATHER AND CROP SERVICE.

**Temperature.**—The mean was 0.5 below the normal; maximum, 98, at Covington, 13th; minimum, 50, at Brownsville, 12th, 25th, and 28th; greatest monthly range, 47, at Covington; least monthly range, 24, at Byrds-town and Florence Station.

**Precipitation.**—The average was 0.81 below the normal; greatest monthly, 6.66, at Riddleton; least monthly, 1.80, at Brownsville.

**Wind.**—Prevailing direction, south.—*J. B. Marbury, Local Forecast Official, Weather Bureau, Nashville, director.*

## TEXAS.

**Temperature.**—The mean was 0.5 below the normal; maximum, 112, at Fort Ringgold, 1st; minimum, 44, at Childress, 15th, and at Fort Hancock, 2d; greatest monthly range, 66, at Fort Hancock; least monthly range, 14, at Flower Bluff.

**Precipitation.**—The average was 0.29 below the normal; greatest monthly, 9.93, at Huntsville; least monthly, 0.00, at several stations.

**Wind.**—Prevailing direction, south.—*D. D. Bryan, Galveston, director; I. M. Cline, Local Forecast Official, Weather Bureau, assistant.*

## UTAH.

**Temperature.**—Maximum, 105, at Saint George, 6th and 30th; minimum, 19, at Soldier Summit, 3d; greatest monthly range, 74, at Soldier Summit; least monthly range, 51, at Logan.

**Precipitation.**—Greatest monthly, 0.17, at Castle Gate; least monthly, 0.00, at a great number of stations.

**Wind.**—Prevailing direction, northwest.—*G. N. Salisbury, Observer, Weather Bureau, Salt Lake City, director.*

## VIRGINIA.

**Temperature.**—Maximum, 100, at Nottoway, 19th; minimum, 45, at Dale Enterprise, 9th; greatest monthly range, 50, at Nottoway; least monthly range, 29, at Salem.

**Precipitation.**—Greatest monthly, 8.86, at Norfolk; least monthly range, 1.35, at Alexandria.

**Wind.**—Prevailing direction, southwest.—*Dr. E. A. Craighill, Lynchburg, director; J. N. Ryker, Observer, Weather Bureau, assistant.*

## WASHINGTON.

**Temperature.**—The mean was 5.0 below the normal; maximum, 89, at Ferry, 4th, and at Tacoma, 5th; minimum, 30, at Davenport, 19th.

**Precipitation.**—Greatest monthly, 7.99, at Neah Bay; least monthly, 0.11, at Fort Simcoe.—*H. F. Alcatorre, Observer, Weather Bureau, Olympia, director.*

## WEST VIRGINIA.

**Temperature.**—Maximum, 99, at Morgantown, 20th; minimum, 40, at Davis, 8th and 24th; greatest monthly range, 58, at Morgantown; least monthly range, 35, at Weston.

**Precipitation.**—Greatest monthly, 6.41, at Bluefield; least monthly, 1.88, at Martinsburg.

**Wind.**—Prevailing direction, west.—*W. W. Dent, Observer, Weather Bureau, Parkersburg, director.*

## WISCONSIN.

**Temperature.**—The mean was 3.0 above the normal; maximum, 100, at Crandon, 12th, and at Menomonie, 13th; minimum, 33, at Bayfield, 15th, and at Ashland, 11th.

**Precipitation.**—The average was about 2.00 below the normal; greatest monthly, 6.69, at Madison; least monthly, 0.89, at Oconto.

**Wind.**—Prevailing direction, southwest.—*W. L. Moore, Local Forecast Official, Weather Bureau, Milwaukee, director.*

## WYOMING.

**Temperature.**—Maximum, 108, at Wheatland, 18th; minimum, 27, at Arland, 6th; greatest monthly range, 72, at Wheatland; least monthly range, 54, at Saratoga.

**Precipitation.**—Greatest monthly, 1.75, at Sundance; least monthly, 0.10, at Wheatland.—*E. M. Ravenscraft, Observer, Weather Bureau, Cheyenne, director.*

## METEOROLOGICAL TABLES.

*Meteorological record of voluntary and other co-operating observers, June, 1893.*

Stations.	Temperature. (Fahrenheit.)			Precip'n.		Stations.	Temperature. (Fahrenheit.)			Precip'n.	
	Max.	Min.	Mean.				Max.	Min.	Mean.		
<b>Alabama.</b>	°	°	°	Ins.		<b>Arizona—Cont'd.</b>	°	°	°	Ins.	
Alco.....	96	60	78.2	.....		Buckeye†.....	115	55	83.4	0.00	
Bermuda*†.....	96	64	77.6	.....		Calabasas†.....	106	53	79.6	0.00	
Birmingham†.....	93	58	77.8	3.25		Casa Grande*.....	110	75	94.7	0.00	
Brewton†.....	101	60	79.8	3.45		Chiricahua Mts†.....	.....	.....	.....	0.29	
Camden*1.....	92	70	77.3	3.68		Crittenden*.....	105	50	80.7	0.00	
Citronelle†.....	94	69	78.9	4.67		Dragoon†.....	.....	.....	.....	0.00	
Claiborne Landing†.....	.....	.....	.....	3.40		Dragoon Summit*.....	101	70	87.4	0.00	
Cordova†.....	.....	.....	.....	7.96		Dudleyville†.....	108	57	82.9	0.00	
Decatur†.....	.....	.....	.....	5.13		Eagle Pass*.....	.....	.....	.....	0.00	
Decatur†.....	93	52	74.5	5.11		Florence†.....	110	58	86.9	0.00	
Demopolis†.....	.....	.....	.....	3.05		Fort Apache.....	96	42	71.4	0.00	
Eufaula†.....	93	64	79.0	4.16		Fort Bowie†.....	101	61	82.3	0.00	
Eufaula†.....	.....	.....	.....	4.41		Fort Grant.....	102	54	82.0	0.00	
Florence†.....	.....	.....	.....	5.74		Fort Huachuca.....	101	57	80.0	0.00	
Florence†.....	91	55	75.6	5.17		Fort Mohave.....	116	61	87.8	0.00	
Fort Deposit†.....	93	60	77.8	4.39		Gila Bend*†.....	108	64	93.0	0.00	
Gadsden†.....	.....	.....	.....	4.62		Gila Bend*.....	116	78	95.1	0.00	
Geneva†.....	98	64	79.8	3.09		Holbrook†.....	97	43	71.0	0.00	
Greensboro†.....	91	62	75.8	3.10		Maricopa*.....	109	84	90.2	0.00	
Healing Springs†.....	96	50	75.5	7.43		Mount Huachuca†.....	105	55	81.5	0.00	
Highland Home†.....	90	63	77.2	4.93		Natural Bridge†.....	.....	.....	.....	0.00	
Livingston*†.....	88	66	76.1	3.35		Oracle†.....	100	58	82.1	0.00	
Lynn†.....	.....	.....	.....	5.16		Palomas†.....	116	54	85.6	0.00	
Lynn†.....	91	56	75.5	3.54		Pantano*.....	114	72	86.6	0.00	
Marion†.....	94	61	77.6	5.66		Payson*1.....	.....	.....	.....	0.00	
Maysville†.....	97	63	75.5	5.66		Peoria†.....	109	61	86.5	0.00	
Mount Willing†.....	93	63	78.2	5.46		Phoenix†.....	114	59	85.1	0.00	
Newbern†.....	89	64	77.2	4.03		Red Rock*†.....	110	75	94.0	0.00	
Newburg†.....	95	52	74.8	9.06		Reynolds†.....	106	59	83.3	0.00	
Opelika†.....	95	62	78.0	5.26		Rye†.....	.....	.....	.....	0.00	
Oxanna*†.....	89	56	73.4	5.30		St. Helena R'h*†.....	96	66	79.0	0.00	
Pine Apple†.....	97	58	78.4	3.57		San Carlos.....	110	50	81.4	0.00	
Pushmataha†.....	93	65	77.6	3.20		Show Low.....	.....	.....	.....	0.00	
Selma†.....	.....	.....	.....	7.29		Signal†.....	108	58	84.0	0.00	
Sturdevant†.....	.....	.....	.....	3.20		Teviston.....	.....	.....	.....	0.00	
Talladega†.....	.....	.....	.....	4.70		Texas Hill*.....	116	74	95.3	0.00	
Talladega Falls†.....	.....	.....	.....	6.63		Tucson†.....	109	61	86.7	0.00	
Tuscaloosa†.....	.....	.....	.....	6.51		Tucson*.....	106	80	92.9	0.00	
Tusculum*1.....	92	65	76.4	4.75		Walnut Grove.....	.....	.....	.....	0.00	
Tusculum*1.....	95	58	77.3	6.35		Walnut Ranch*†.....	99	60	78.7	0.00	
Union Springs*†.....	95	58	80.0	3.51		Whipple Barracks.....	90	39	65.0	0.00	
Union Springs*†.....	95	58	77.4	3.25		Willis†.....	.....	.....	.....	0.10	
Valley Head†.....	86	56	72.1	4.24		Willcox*.....	106	55	83.9	0.00	
Warrior†.....	.....	.....	.....	5.32		Yuma*.....	107	76	88.9	0.00	
Wilsonville†.....	.....	.....	.....	3.72							
<b>Alaska.</b>						<b>Arkansas.</b>					
Killbuck*1.....	60	36	49.4	2.85		Arkadelphia†.....	.....	.....	.....	4.44	
Metlakatla†.....	68	34	52.0	2.50		Arkansas City†.....	.....	.....	.....	6.61	
						Ashdown†.....	95	37	76.2	4.43	
<b>Arizona.</b>						Bee Branch†.....	95	54	75.6	5.30	
Antelope Valley†.....	.....	.....	.....	0.00		Brinkley†.....	94	58	75.6	4.31	
Ariz. Can. Co. Dam†.....	.....	.....	.....	0.00		Camden†.....	.....	.....	.....	10.94	
Benson*.....	105	70	90.8	0.00		Camden*1.....	60	60	75.5	10.24	
Bisbee†.....	99	55	80.1	0.00		Conway*1.....	89	63	74.4	3.77	

*Meteorological record of voluntary observers, &c.—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precip'n.		Stations.	Temperature. (Fahrenheit.)			Precip'n.	
	Max.	Min.	Mean.				Max.	Min.	Mean.		
<b>Arkansas—Cont'd.</b>						<b>California—Cont'd.</b>					
Corning†	93	55	74.8	3.84		Berkeley.....	91	46	61.0	0.00	
Dallas†	94	53	76.5	5.22		Bishop Creek*.....	98	59	82.3	0.00	
Dardanelle†	.....	.....	.....	3.27		Boca*.....	85	35	56.1	0.00	
Fayetteville†	94	50	72.7	8.84		Borden*.....	102	54	74.8	0.00	
Forrest†	94	60	77.5	7.00		Boulder Creek*.....	99	40	61.5	0.00	
Fulton†	.....	.....	.....	5.74		Brentwood*.....	98	60	73.9	0.00	
Hamburg.....	94	56	76.5	7.74		Brighton*.....	99	58	76.1	0.00	
Helena†	.....	.....	.....	6.96		Byron*.....	100	50	68.3	0.00	
Helena†	97	58	77.7	5.88		Caliente*.....	102	57	82.0	0.00	
Hot Springs.....	99	50	76.8	5.60		Calistoga*.....	99	54	70.4	0.00	
Keeseee Ferry†	96	49	73.8	5.60		Campo Seco.....	.....	.....	.....	0.00	
Kirby†	93	55	75.4	6.80		C. Mendocino L. H.....	.....	.....	.....	0.22	
Lonoke*	98	62	79.5	7.56		Capitola*.....	82	52	63.7	0.00	
Madding*	.....	.....	.....	78.2		Castroville*.....	75	50	59.6	0.00	
Malvern†	92	54	74.8	3.18		Centerville*1.....	102	.....	64.3	0.02	
Marcella†	99	59	79.0	5.21		Chico*.....	96	52	71.0	0.00	
Melbourne†	97	49	76.2	4.21		Chino*.....	97	59	74.0	0.00	
Mount Nebo†	87	55	72.6	3.75		Cisco*.....	70	32	47.5	T.	
New Gascony*1	92	65	76.9	3.35		Citrus*.....	102	.....	74.0	0.00	
Newport*1	.....	.....	.....	3.32		Claremont†	95	44	67.5	0.00	
Newport†	95	59	77.6	2.96		Colfax*.....	94	44	69.1	0.00	
Newport†	94	58	75.2	2.49		Colton*.....	100	55	74.0	0.00	
Osceola†1	92	60	75.1	6.10		Colusa†	97	50	69.8	0.00	
Ozark†	96	57	77.4	4.39		Corning*.....	104	54	74.9	0.00	
Pine Bluff†	96	59	78.4	6.60		Crescent City.....	.....	.....	.....	0.91	
Prescott†	91	59	76.1	4.40		Crescent City L. H.....	.....	.....	.....	1.25	
Rison†	95	59	77.8	4.60		Crofton*.....	100	60	78.2	0.00	
Rogers†	.....	.....	.....	1.14		Davisville*.....	100	59	76.3	0.00	
Russellville†	96	55	76.8	3.35		Davisville†	95	50	70.8	0.00	
Searcy†	95	58	76.0	5.76		Delano*.....	97	60	78.0	0.00	
Stuttgart†	93	58	76.8	7.53		Downey*.....	90	58	68.7	0.00	
Texas†	94	54	78.8	5.21		Drytown.....	96	43	67.2	0.00	
Warm Springs*1	95	63	76.7	2.83		Duarte.....	98	52	71.1	0.05	
Washington*1	91	59	77.2	7.10		Dunnigan*.....	98	64	80.2	0.00	
Wiggs.....	.....	.....	.....	4.46		Dunsmuir*.....	91	45	63.0	0.00	
Winslow*1	83	59	72.0	6.67		East Brother L. H.....	.....	.....	.....	0.00	
<b>California.</b>						Edgewood*.....	80	47	62.2	0.30	
Agnew1	96	42	61.8	0.00		Edmonton*1	84	35	54.8	0.16	
Alcalde*.....	103	58	79.0	0.00		El Casco*.....	105	58	78.3	0.00	
Anaheim*.....	92	50	67.8	0.00		Elmira*.....	102	48	72.5	0.00	
Anderson*1	99	56	72.3	0.00		El Verano*.....	95	55	69.2	0.00	
Antioch*.....	98	58	72.1	0.00		Emigrant Gap*.....	79	44	62.2	0.00	
Aptos*.....	75	49	59.5	0.00		Espartero*.....	102	60	79.2	0.00	
Arcata.....	80	39	55.8	0.15		Evergreen.....	.....	.....	.....	0.00	
Arlington Heights.....	100	46	70.2	0.04		Exeter*.....	96	64	77.2	0.00	
Athlone*.....	98	54	73.8	0.00		Fall Brook*1	92	51	65.2	0.00	
Auburn.....	95	63	71.0	0.00		Farmington*.....	100	54	76.8	0.00	
Bakersfield*.....	102	65	79.4	0.00		Felton*.....	104	34	62.3	0.00	
Bakersfield†	104	45	71.8	0.00		Fernando*.....	100	47	68.0	0.00	
Ballast Point L. H.....	.....	.....	.....	0.00		Florance*.....	83	58	68.1	0.00	
Barstow†	105	40	78.2	0.00		Florin*.....	101	45	66.6	0.00	
Beaumont*.....	97	54	74.8	0.00		Folsom City*.....	100	60	76.1	0.00	
Belmont*.....	90	49	64.7	.....		Folsom City†1	100	63	74.9	0.00	
Berendo*.....	100	65	86.6	0.00		Fort Bidwell.....	86	31	58.7	0.00	